

ABSTRACT OF THE DISCLOSURE

An actuator includes magnets that are arranged in a flat form, coils that face the magnets, a moving member that is connected to the coils, a first holding member that holds the moving member in such a manner that the moving member can slide within a predetermined range; and a second holding member that holds the first holding member in such a manner that the first holding member can slide within a predetermined range in a direction perpendicular to the sliding direction of the moving member. This actuator moves the coils against the magnets.